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INTRODUCTION

80% of the diseases that are prevalent today in our country are a result of inadequate water and sanitary facilities. They are therefore preventable.

Development planners all over the world agree that provision of clean drinking water and safe waste disposal are the key issues to promoting health. While concerted efforts should be made to provide clean drinking water and better sanitation, mere provision of infrastructure is insufficient. Old habits die hard. Educating and thereby effecting behavioural changes in the people has been recognised to be equally vital.

Children from the socio-economically weaker sections are severely affected and many fall prey to diseases caused by contaminated drinking water and insanitary conditions. Children are our future citizens and it is in our interest to keep them healthy. To make their young bodies strong, children need nutritious food and safe water. Equally important is a clean environment and good sanitation.

To imprint on young minds the causal link between insanitary conditions and the diseases that they and their families experience, is indeed the first step towards effecting changes. If a child is ingrained with these ideas at an early age, the child not only retains and acts on it, but also communicates to those around that proper sanitation and personal hygiene are the road to better health.

Schools are a meeting point for most children, and therefore emerge as an ideal ground for imparting this valuable education. To preach good ideas is simple but to patiently inculcate good habits is a long and arduous task. Ideas regarding personal hygiene and sanitation have to be reinforced repeatedly till it permeates the child's consciousness and becomes second nature — a habit. This calls for concerted effort and careful nurturing by planners and administrators.

What is presented in the following pages is the experience gained in implementing an "education" programme on sanitation and personal hygiene.

The venue for this innovative sanitation education programme was the Junior Navyug School. Located in a South Delhi colony, Laxmi Bai Nagar, the school educates about a thousand children of varied socio-economic background. The majority of the children are drawn from the "weaker" sections of society. This school which is administered by the NDMC has gained a reputation for conducting many such innovative educational programmes.

While scattered messages on hygiene and sanitation do get imparted through schools in the normal course of events, to put "education for better sanitation and hygiene" on an organised footing requires motivated and dedicated leadership. The head of this school was inspired into action by an orientation training programme organised by the NDMC in collaboration with MNIO, UNICEF. In her own words: "as the head of the Navyug school, I felt I should be the chief source of inspiration and motivate my teachers, students and other staff to take up sanitation as a serious task, because I was convinced that sanitation is an important feature of education. In fact more than books, it can serve the children as a very strong shield to protect their physical, social and mental health."

The principal sought the active involvement of the teachers, the non-teaching staff, the children and the parents in what could be summarised as "Learn-Practice-Teach-Reaffirm what was learnt-method".

Rejecting the Preach-and-Punish method, the head of this institution adopted the "participatory approach" to planning and implementing the sanitation education programme. This has been the most crucial factor contributing to the success of this programme.

The prime objective was simple, i.e., to keep the school and children clean. The method adopted has breathed life and enthusiasm into the programme.

This booklet sums up the experience of this school, and draws some lessons for use in other schools

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PARTICIPATORY APPROACH TO PLANNING

The principal of this school, initiated a discussion on the state of sanitation in the school, in the staff meeting. She had recogonised that merely 'directing and ordering' cannot help in achieving the programme objective.

The problems identified were -

- * the premises were dusty, filled with cobwebs and dirt;
- * children ate unhygenic food, and drank water which was unclean;
- * children did not wash their hands with soap before and after meals, and after using the toilets;
- * water tanks were not regularly cleaned and maintained;
- * the toilets were filled with foul stench and were not maintained properly;
- * children were sickly and often complained of stomach disorders and pains.

The problems identified needed solutions. The solutions necessitated concrete and practical steps which in turn threw up the necessity for an organised effort.

The organisation for initiating and maintaining the Sanitation Education Programme, was drawn from amongst the teachers who volunteered.

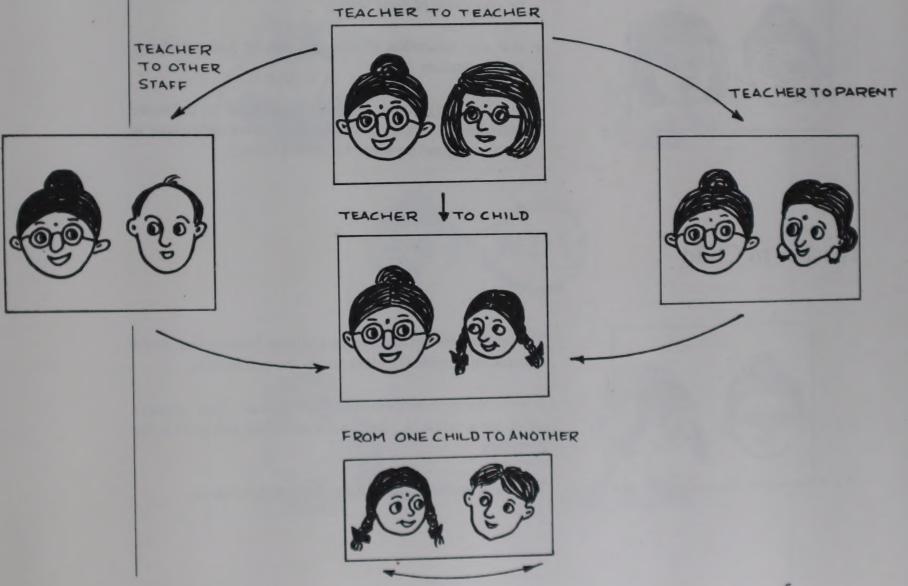
An "Active Doers" team was constituted.

	ntify the problems it is necessary to involve all the members of the sation/institution.
Free an	nd frank discussions in a problem identification exercise assists in ing the consciousness and commitment of all individuals concerned
Organis progran be cons	sed effort is essential for the successful implementation of a nme. A smaller team of like minded and committed people should tituted.
Compu	lsion and coercion should not be used to constitute this team.
Roles a	nd responsibilities should be clearly specified.

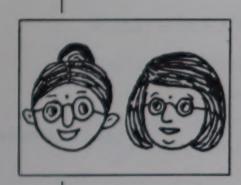
THE DOERS GROUP AND THEIR ACTIVITIES

The Doers group met and worked out a strategy for the involvement of teachers, children non-teaching staff, parents and the community in which the school is located

They decided that each of these groups have to LEARN, PRACTICE AND TEACH.



Teacher to Teacher



Teacher to Child



Teachers have to keep in mind -

- * that children emulate them and therefore they should be conscious of their 'habits'
- * that this education should and can be integrated into the curriculum
- * that this programme is not a "lecture" to be delivered periodically, but a prolonged and patient endeavour to inculcate good personal habits in children.

The teacher should involve the children in activities, in the classroom, outside the class and in the community

It is the teacher's responsibility to inculcate clean habits in all children while in class, in the playfield and even in the corridors.

Teachers cannot ignore dirty habits in children.

They have to stop nail biting, chewing lead pencils, erasers, papers, etc., digging nose, thumb sucking, scratching of hair and rubbing their eyes with dirty hands.



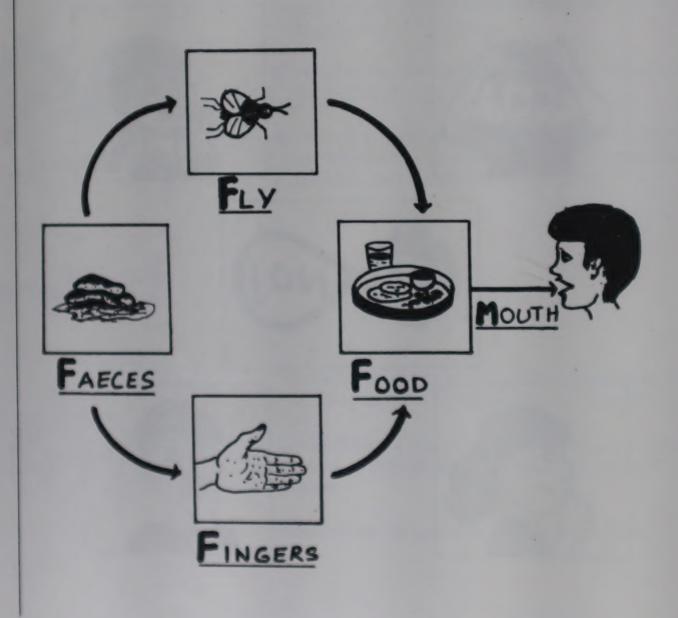








Children have to be taught that many diseases are spread through unclean water. They have to learn that unclean habits leads to ill health, and that unclean toilets, water puddles, etc., are breeding grounds for germs.



To imprint in their minds, the importance of sanitation and personal hygiene, the children have to be taught about the need to:

- * wash hands with soap and water before every meal
- * use water from handpumps or tap
- * use ladles while taking out water from a pitcher
- * cover the water pitcher after use







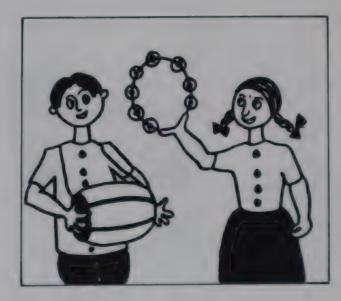


All these can be taught to the children in the classroom as part of their studies. However, the method of teaching should be varied and interesting.

These activities should be extended outside the classroom as well, and all teachers have a role to play in this.

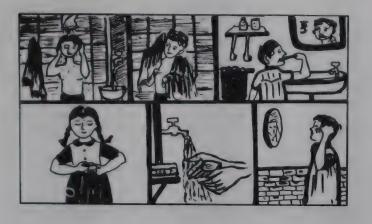
Some Ideas on How-

The Music teacher educates the children about clean habits and sanitation through songs, skits, Qawali, etc.





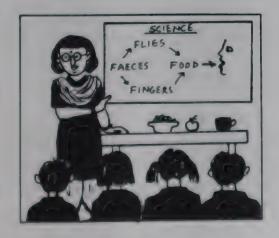
The Language teacher helps and directs children to write poems, songs, stories and compositions on clean habits and sanitation.



The Art teacher helps the children to draw and sketch posters, banners, placards on particular ideas and themes.

The class teacher prepares games, riddles, quiz and trains them to develop good habits as a part of what they learn in class.





The science teacher educates the children about the science of spread of diseases.

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Teacher to Other Staff

Teachers have to impress upon other staff (non-teaching staff) the importance of maintaining cleanliness of the school and the school children. The non-teaching staff have an important role in imparting sanitation education to the children.

Their tasks include-

- * keeping the school and the facilities of the school clean;
- * setting an example and reminding children about good habits;
- * assisting the teacher in monitoring the use of the school facilities.

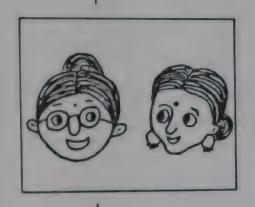


The Safai Karamcharis who as part of their regular function maintain toilets and the cleanliness of the school were brought to the centre stage. It was their task that was 'crucial' for promoting better health. It was their daily effort which was being celebrated through the sanitation programme.

They were mobilised to understand their role as communicators in inculcating good habits in children. They were made aware of the fact that children who are conscious of cleanliness and personal hygiene will be great assets in lightening the work burden carried by the Karamcharis.

The bus driver and the conductor were mobilised to carry the programme into the buses which transport the children. Even the peons and administrators were involved in implementing the sanitation education programme.

Teacher to Parent



The third and important group to be involved in the sanitation education programme, are the parents. Parents play an important role in reinforcing the education imparted in the school.

Parents can help in-

- * imbibing the spirit of keeping clean
- * involving children in keeping their homes clean
- * reinforcing what has been taught in the school i.e., encourage and commend good habits and firmly disapprove of dirty habits

Parents can also help in organising programmes at school and in the community. For example,

- * Meetings
- * Seminars
- * Workshops
- * Community level campaigns, etc.

In many cases, parents themsleves need to be educated for behavioural change. This can be done through PTAs, special programmes, and by using the children to educate the parent.

From One Child to Another



There are numerous things a child can do in communicating to another child. One example is the formation of a "sanitation squad".

Each class has a sanitation squad which is assigned a monitoring role, for checking the cleanliness of both the children and the class environment. A daily-check up is conducted by the squad to ascertain the state of the uniform, personal cleanliness (nails, hair ,etc.), books and tables of all children in their class. Additionally, the maintenance of the class room, the dust bin and the immediate environment around the class becomes their responsibility. The squad uses a system of marking. Each child is subjected to a through scrutiny by none other than their own peers.

The direct involvement of "responsible" children in monitoring cleanliness of fellow students and the school is an effective way of inculcating clean habits in children.

Children who have learnt and actively participated in keeping themselves and the school clean, carry forward these messages to their homes and the community in which they live.



Other than these activities, the Doers group decided to organise specially focused activities on sanitation. This was how "PROJECT SANITATION" was conceived. "Project Sanitation" was organised in three phases.

Phase-1-THE SCHOOL GOES TO THE COMMUNITY

This was carried out through street theatre, songs, dances and sponsored walk. The purpose was to carry the message on sanitation to the community, and through such a process reinforce the messages in the children's minds and raise general awareness in the community.

The children prepared the cultural programme, the posters and the banners in the music, art and other classes with the assistance of the Active Doers group. This was done over a period of a month.

This programme had a positive impact both on the children and the people in the community.



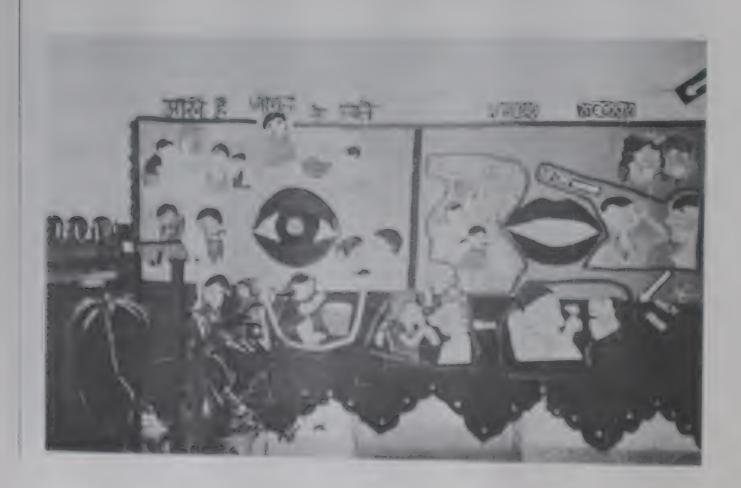
Phase-2-THE COMMUNITY COMES TO THE SCHOOL

An exhibition was prepared and presented by the students with the assistance of the Active Doers group and the entire staff of the school.

This exhibition was kept open for the public for a week, and over 3,000 people visited it.

The exhibition went into details on all aspects of sanitation and personal hygiene.

The preparation of the models, posters and other exhibits helped to further implant in the children's minds that "proper sanitation and personal hygiene are indeed the road to better health."



Phase-3-THE ANNUAL DAY

The annual day was celebrated with a cultural programme, which had as its theme "sanitation". Through dances, drama, skits and songs, the children presented to their parents and the community and once again "educated" their parents and others about sanitation.

In the words of a parent:

"...the programme was very successful and of high educative and aesthetic value. The programme succeeded to a commendable extent in creating an awareness among children for sanitation as a key to good health. The way the entire programme was conceived and designed deserves appreciation, as it made an impact on the students and their parents alike".



The children and staff of the Navyug school did not rest on their laurels. The Project Sanitation continued. Activities in the class and the monitoring of the cleanliness, both of the school and the children have taken roots and is becoming a way of life. That the education imparted has indeed heightened the consciousness of the children was seen in the prompt reaction of this school community to the cholera epidemic which struck Delhi in August 1988. The school organised a door to door campaign in the neighbourhood. 124 children from class four and five accompanied by their teachers went into the community and with posters and pamphlets explained to the residents the preventive steps that needed to be taken by the people, about Oral Rehydration Therapy, etc.

The sanitation education programme in the Laxmi Bai Nagar Navyug School has only just begun. Inculcation of good habits cannot be achieved in a couple of months. Therefore the school community has decided to give this education component a pride of place in its activities in the years to come as well.

The Navyug school experience has been a success. However what contributed to this success?

The detailed planning exercise carried out, the organisational structure evolved, the training programme organised, the level of involvement of the school and the community effected, the zeal and enthusiasm generated and the determination with which the programme was pursued are some of the crucial factors which has contributed to the success of this programme.

It is important to highlight here that what set the ball rolling was the 'push' provided by the NDMC (School of Science & Humanities Education Training Centre) and UNICEF. This 'push' was none other than the all-Delhi programme for sanitation education. As part of this programme, the authorities provided the heads of the schools with an informative and action oriented Orientation Training. The organisational support and assistance provided by the Administrators served to encourage and sustain the sanitation education programme in more than 3,000 schools in the Delhi area.

LESSONS LEARNT

The Delhi Sanitation Education Programme and the Navyug School's experience have brought forth certain valuable lessons for administrators and implementors.

To the Administrators—

ORGANISATION

- * All departments dealing with the provision of sanitary facilities have to incorporate a strong education and communication component, in order to effect necessary behavioural changes and to increase the utilisation of services provided.
- * In any State or Unit of Administration there are several departments (education, health, etc.) and organisations which are responsible for sanitation—related programmes. While implementation is departmentally handled, the efforts of all these need to be coordinated centrally, in order to avoid duplication and to strengthen efficiency.
- * Each of these departments should develop a system for planning, supervision, monitoring and evaluation. Each department should develop a sub-plan of activities. These sub-plans should clearly enunciate the nature of the activities to be undertaken and their cost estimates. The various sub-plans should be combined into a Master Plan of Action, to be coordinated by the local administrative authority.
- * To facilitate implementation, each department should identify a nodal person for the development of the sub-plan and for coordination with relevant departments.

TRAINING

- * Orientation training for policy and decision makers, implementors (at all levels) is crucial for effecting sound planning and implementation of sanitation programmes.
- * The training programme should be ongoing, as experience gained should be constantly summed-up and shared.
- * All training programmes should assist in the development of Action Plans.

To the Implementors (at school level):

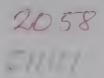
- * Initiative and leadership are two crucial qualities to be developed in the Principal of the School.
- * Participatory approach to planning and implementation which allows for the maximum involvement of staff, non-teaching staff, students, parents and the neighbourhood is a must.
- * For a sanitation education programme to succeed, school level organisation, detailed planning and continued and systematic monitoring are necessary.
- * Extreme care should be taken to see that the messages communicated are clear, precise and realistic.
- * Education and Awareness Campaigns should be action-oriented programmes.

In the final analysis, it is persistence and patience that will pay rich dividends.

Annexures

Annexure 1 – Organisation, Planning and Training for sanitation education in the NDMC schools

Annexure 2 – Scripts of songs, drama/skit etc., produced by the Junior Navyug School, Laxmi Bai Nagar



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Annexure 1

The Organisation, Planning and Training for the Sanitation Education Programme

Sanitation education programmes, large or small, need organisational support and meticulous planning. The planning exercise will no doubt vary from place to place depending on the organisational structure and the specific programme needs of each area.

n Delhi, the santiation education programme in schools was planned and organised as follows:-

- The Local Self Government, under the Lt.Governor, New Delhi, coordinates the sanitation education programme. The programme emphasises sanitation education and awareness building in schools and through the schools to the community;
- The Education and Health Departments under the Delhi Administration, the Municipal Corporation of Delhi and the New Delhi Municipal Committee developed sub-plans, outlining the strategy, objectives, activities and organisation for implementation and monitoring. These sub-plans were then compiled into a Master Plan of Action for santiation education in schools;
- Each implementing agency, for example, the NDMC, identified a nodal person who would coordinate the planning exercise, the implementation and the monitoring of activities;

- This individual, i.e., the Coordinator is assisted by a Committee which played the role of an Advisory Board. The coordinator also formed a panel of Resource Persons, comprising five heads of institutions;
- These resource persons assisted the coordinator in the training sessions and in providing assistance to schools which needed it.

Thus to the last detail, the school principals and teachers of each school were clear about:-

- the objectives of the education programme;
- the need to plan and the planning method;
- the organisation, and where they could go for assistance.

One of the first steps that the NDMC coordinator and his department took was that of Training and Orientation.

Orientation programmes were organised for Planners, Resource Persons, School Principals and Teaching Staff.

These Orientation programmes helped in:

- generating ideas
- bringing people together and in the sharing of experiences
- providing information and knowledge
- developing skills in communication
- clarifying roles and responsibilities
- developing concrete plans and future course of action.

The Resource Persons were drawn from the NDMC education and health departments, from colleges and institutions experienced in community extension work and communications, from UNICEF and other local resource organisations, like The Voluntary Health Association of India, etc.

The Training programme was organised in 6 stages. As a first step, the Heads of NDMC schools were exposed to a 2 day Orientation Programme.

This programme covered the following:

- Role of Teachers, schools and students in promoting sanitation;
- Sanitation programmes, the scope and activities;
- Communication Techniques;
- Concept of Activity Plans;
- Group exercises on activity plans;

The purpose of the communication session was to expose participants to different styles of communication, factors affecting the process of communication, the possible use of various media to communicate messages related to sanitation issues for seeking the involvement of teachers and children.

The preparation of the activity plan was one of the main objectives of this and other training sessions. At the end of the orientation, by carrying out the planning exercise, the participants were able to focus on realistic activities.

The framework which helped them to develop activity plans was as follows:

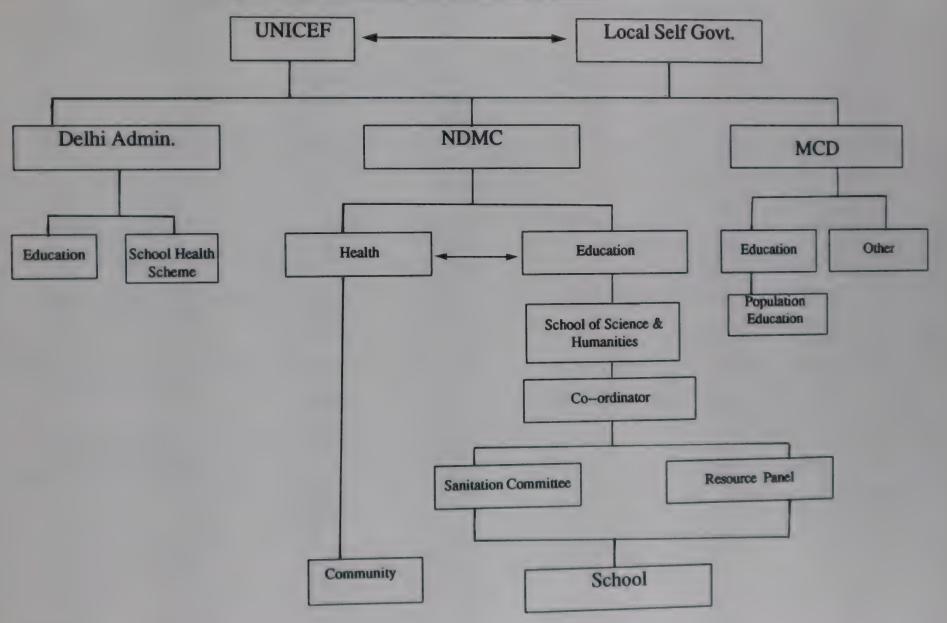
Name of school	Activities to be organized			Frequency	Time	Responsibility	Resources		
	In class	In school	In the community				Materials.	Resource Persons	Training

From this group, a resource group of 5 persons were selected and they were then exposed to another 1 day orientation. This time it was with the specific objective of training them as trainers.

They then as trainers, assisted the Coordinator and the NDMC Committee, Sanitation Programme, in organising further training programmes for school teachers.

Almost all schools have been exposed to the orientation programme, and several activities have been initiated. These are being regularly monitored by the Coordinator, and new ideas, and initiatives are encouraged.

Organisation for Promotion of Sanitation Education in Schools



An example of a 2-day training program for teachers

Telephone No. 603255

N.D.M.C. School of Science & Humanities Education

Department of Education, NDMC, Laxmi Bai Nagar

New Delhi - 110 023.

ORIENTATION PROGRAMME ON SANITATION (UNICEF AIDED) FOR HEADS OF NSY. SCHOOLS & S.W.WS.

(18.8.88 to 19.8.88)

Programme

Date & Time	Topic	Resource person/Experts	Date & Time	Topic	Resource person/Experts
18.8.1988			19.8.1988	Demonstry stone	D- D-L-'- NDMC
10.00 AM w	Registration of participant	3 -	10.00 AM to	Personal Hygiene	Dr. Raheja,NDMC
11.00 AM			11.00 AM		
11.00 AM to	Education & sanitation	Mrs. Unithan, SCERT	11.00 AM to	Environmental Sanitation	Shri R.N.Agarwal, Health
11.45 AM			12.00 Noon	& Film Show	Edn. Unit, NDMC
11.45 AM to	Tea-break	6.0	12.00 Noon to	Tea-break	819
12.00 Noon			12.15 PM		
12.00 Noon to	Sanitation & Diseases	Dr. V.N.Reu, NDMC	12.15 PM to	Planning of School activit	iesMrs. A.Kukreti, H.M., NDMC
1.00 PM			1.15 PM		
1.00 PM to	Role of nursery schools	Mrs. Q.Azad, H.M., NDMC	1.15 PM to	Lunch-break	**
2.00 PM	in Sanitation.		2.00 PM		
2.00 PM to	Lunch-break	***	2.00 PM to	Participant's discussions	Sh. Nand Lal, Sr.Lecturer,
2.30 PM			2.30 PM	· macipalit o allocations	Dept. of Edn., NDMC
2.30 PM to	Sanitation & Community	Mrs. U.S.Tomar, H.M., NDMC	2.30 PM to	(i) Importance of Canitation	on Dr. S. Chatterjee, MOH, NDMC
3.30 PM	y and a second second	O.O. LOHIAL, ILIVI., J. VDIVIC			JIDI.S.CIIalterjee, MON, NDMC
3.30 PM to	Tea-break		•••	(ii) Partcipant's reactions	
3.45 PM	TOO OF CARE	**		(iii) Thanks.	
3.45 PM to	Participant's discussion	Sh. Nand Lal. Education			

(Nand Lal)

Co-ordinator.

Dept_NDMC

4.30 PM

सभी भीतों के बोल भालती माधुर के

Annexure 2

प्रार्थना

हमको नवल उत्पान दो, हे दंश ये वरदान दो, तन-मन-क्चन से स्कच्छ हों, सत् पण पर आरूद हों। निजींब संजीव दोनों की, रचना तुम ही ने की प्रमृ, विकृत न होने देंगे हम, रचना का रूप हे प्रमृ, मृद्धि में व्याप्त स्कच्छता, प्रतिरूप तुम्हारा है प्रमृ। ये और तुमने जो दिया, उसको रखेंगे साफ हम, घरती पे फैले गन्द को,
दूर हम कर देंगे हे प्रमृ,
घरती हमारी माता है,
उसको रखेंगे साफ हम।
स्वच्छ वायु में ही साँस ले,
जीते हैं सब प्राणी प्रभृ,
विज्ञान के अभिशाप ने,
दूषित किया वातावरण,
दूषण मगाने के लिये,
रोपण करेंगे व्ह्रों का।

गीत

रोज सुष्ट उठकर हम अपने दौत साफ कर लेते हैं.
रगड-रगडकर उनको हम मोती सा चमका देते हैं,
मुझ्को सदा सफाई देवी देती रह वरदान।
मेल नहीं जमने पाता है, रोज साफ कर लेते हैं,
बहे हुए नासून अगर तो, उनको कटवा लेते हैं
देशो मेरे हाथ, देशो मेरे हाथ
महको सदा -----

महाको सदा - - - - - - - -

कव्वाली

करो सफाई, करो सफाई, करो सफाई, करो सफाई मिल जुलकर सब करो सफाई, अपने घर की, अपने नगर की, अपने बदन की, सबसे बही नियामत है. स्वस्थ अरीर का रहना. पातः समय में सबसे पहले उठकर श्रेच को जाना. दांत मांज कर ऑखों में पानी के छीटे देना, नहा धोकर बाल काडकर विद्यालय को जाना। क्डा-करकट तुम सदा हस्टबीन में हालो. इंघर-उंघर न कंचरा फैंको, मन में तय कर डालो, वर्ना मिनभिनायेंगी मिनख्या रोगाण छोडेंगी, ओर फिसल जाने से शामत अपनी ही आयेगी। दिवारों की ओट में, लघु क्षका करना, बरी बात है जगह-जगह पर धुक-धाक का करना, दृषित वातावरण है होता जिससे अपने नगर का. बीमारी फैलाने में होता है हाथ सभी कां। अपने स्कूल की साज सफाई रखना फर्ज हमाए, श्रीचालयों को गन्द दुर्गन्य से बचाना दियत्व हमारा, कद्याओं में कागज खिलके कभी नहीं तुम फेंको, दीवारों पर पैन्सिल रंग कभी खापन न लिखी।

पिकी का बस्ता

नन्ही पिंकी प्यारी पिंकी, पढ़ती के जी क्लास में,
इस दिन जले गये सब साथी खेल के मैदान में,
लो ताय दुई कान्फ्रींस क्स्तों की, पिंकी की क्लास में,
अनु अस्गा, पिंकी गुडिया के क्स्ते खाजाद थे,
बोले उसले मीज मनाएँ बील वाले बाग में,
सबसे मुन्दर साफ सुचरा लनु का बस्ता था,
कमा मानीटर चड़ा कुसी पर, उसकी बढ़िया बान थी,
कसे क्कस्ए चले ठुमक कर, ठुमक ठुमककर, ठुमक ठुमककर,
बील की और बढ़े सभी खड़ी का ही प्लान था।

धनका मारा गन्दे बस्ते को, अनु के बस्ते ने, अनु का बस्ता : वट जा बुद् गन्दे मैले पिंकी के बस्ते तु, वल्दी स्थाबी तेल मैल के दाग घरे इतने तुष्यमें, तुषक्षे बदब् आती है वट जा दूर-3।

भोफा हो गया उवास फिर दिकी का बस्ता क्वारा, पर पीछे-पीछे लगा रहा वो विस्म्प्त बिल्कुल न बारा, पूर्णी-पूर्णी सारे बस्तो ने इस्स् किया फिर अपना खेल, टप-टप ऑस् लेकिन निकले पिकी के बस्ते के, पिकी गन्दी तुम भी गन्दे, पक्का मारा ठेलम-ठेल, टीम नहीं बस्ती बस्को गन्दा साथी लेकर, मोटे-मोटे ऑस् देखकर मीना ने सम्बन्धा।

मीना :

मर्बया सत्तमुच गन्दे हो, कोई नहीं खिलायेगा, जल्दी जागों कील में नहात्वों, फिर कुछ बात केगी, क्दो छप्प से नहाओं दंग से, तभी तो रंग आयेगा, साफ रहोंगे, स्वच्छ रहोंगे, तभी तो धाक जमेगी। न - न - न - नहीं, चिल्लाई पिंकी, दूटा दुःख का सपना था, घबराहेट में आया पसीना, मम्मी ने आकर प्यार किया।

पिकी:

ओह-मेरा बस्ता तो ये रहा, सचमुच कितना गन्दा सा, गन्दी किताबें, गन्दी कापियां, बस्ता देखो दाग भरा सा, मम्मी घोना इस बेचारे को, मैंने इसको सहा रखा था, फटी किताबों को ठीक कस्नी, मैंने घ्यान नहीं दिया था, मेरी टीचर ने कहा में पाठ सफाई का पढाया, भूल गई अब माफ करें सब, मैंने उसको नहीं सुना था। प्यारे मित्रो, तुम भी रखना बस्ता किताबे बिल्कुल साफ, नहीं तो दूर भगा देंगे सब, नहीं खिलायेंगे अपने साथ, फटी किताबें गन्दा बस्ता रखने से लग जायेगा पाप, कृट्टी कर देंगे सब साथी तो कैसे पटेंगे साथ-साथ।

वायु प्रदूषण

जाज वायु प्रदूषण की समस्या भारत ही नहीं अपितु सम्पूर्ण विश्व में मुंह बाय खड़ी है। विज्ञान ने जहीं एक ओर अनेकानेक वरदान देकर मानव जीवन को सरल एवम् सुगम बना दिया है, वहीं दूसरी ओर विज्ञान की देन बहे-2 कारखाने, फैक्ट्रियाँ, खाई, खंतक और अनेक यातायात के साधनों की विमनियाँ से निकलता हुआ पुँआ सम्पूर्ण वायु महल को दूषित कर रहा है और इसी दूषित वायु में साँस लेकर मानव क्रिकार हो रहा है, श्वास गतिरोध, तपैदिक जैसी बीमारियों का। इन सबसे बचने का एक मान्न विकल्प है व्यक्षारोपण क्यों कि वृष्य सारा दिन प्राण-वायु (आक्सीजन) छोडते हैं और बदले में नाष्ट्र-वायु (कार्बनडाइआक्साइड) को ग्रहण कर लेते हैं। इसके अतिरिक्त भूमि का कटाव बाद का प्रकोप और निरन्तर बढते रेगिस्तान को भी वृष्य ही रोक सकते हैं। वन्य जन्तुओं को संस्थण भी इन्हीं के माध्यम से होता है। अत : वृष्य मानव जीवन के लिये वरदान हैं। इनसे हमें क्या लाभ होते हैं सुनिये इन्हीं के मुख से :-

> पीपल :-प्राण वायु में हरदम देता पीपल मेरा नाम, दवा बनाता अनेक रोगों की देता जीवन दान।

नीम : कडवा बहुत दूँ पर घबराओ मत मैं दूँ मित्र तुम्हारा फोडा, फून्सी, दाद, खाज और दौतों का दुःख हरता साय।

जामुन : पात-खाल और फल गुठली सकते काम हैं आती मधुमेह की एक दवा है जामुन की कही जाती।

खाम : मैं फलों का राजा हैं खनगिनत मेरी जाति रंग रूप और गुणों में भी कोई न मेरा साथी।

श्रहत्तः मीठा है फल कई जाति का, हर जगह उग जाता है, रेश्रम के कीहों का घर हैं मैं सबके ही मन माता है

अमलतास : रोगों की जह एक पेट है मैं हूँ उसका त्राता। सुन्दर फूल फलियों से मैं सबका मन हूँ मोहता।

गुलमोहर : मैं सुन्दर सा पेंड हैं गुलमोहर मेरा नाम खट्टे मीठे हैं फल मेरे काया में करते विश्वाम

बह : बही-बही दादी है मेरी बह दादा कहलाता है दोना पत्तल और दवा के भी, कुछ-कुछ काम में आता है।

मानव जीवन के वरदान

आओ मिलकर गाएँ वृध-गान स्वच्छ वायु ईथन और खाया, पेडों से हम पाते हैं, पेड हमारी खातिर प्रतिदिन, कितने कष्ट उठाते हैं।

मौसम कितना भी दुःख दे पर, पेंड नहीं उफ करते हैं, साथ हवा के ताल मिलाकर, हरदम श्वमा करते हैं पेंड अधिक यदि काटे जायें, धरती केंजर हो जाती, कंजर धरती एक दाना भी कभी नहीं उपजा पाती।

जितने पेंड लगे घरती पर, उतनी हरियाली होगी, वायु प्रदृष्ण की समस्या वृक्षों से ही हल होगी तेज बहाव बाद का हो, या वदता हो रेगिस्तान, नहीं विकल्प इनसे बचने का, मात्र वृक्ष ही है वरदान।

मदारी का खेल

मदारी:
आओ-2 कच्चा लोग, माई जी और कहन जी श्वाब
आज तुम कु तम सक्चा देवी और कृडेराम जी
के खगडे और समबीते की कहानी का खेल दिखाएँ।
ही तो कच्चा लोग बजाओ ताली।
ही तो आओ कर्ले स्वच्छा देवी के पर। आज उन्हें श्री
कृडेराम जी देखने आ लो है।

मवारी :

ओ री स्वच्छ जरा दंग से तैयार हो ले री साज तुचे लहके वाले देखने आ रहे है। (स्वच्छ ब्रह्मा जाती है और मदारी के कान में कुछ कहती है)

मवारी :

क्या कहा? बादी नहीं करेगी? क्यों मला? अरी बफ तो नया जमाना आ गया है तो आ ही रहा है कुद ही पूछपाछ लेना, अब जल्दी से तैयार हो ले वो आ ही रहा होगा।

म्यारी बुगबुगी क्याता है

(क्डेराम का प्रवेश)

म्दारी :

सावि-सावि महाक्रम, हम साप ही का इन्तजार कर रहे थे, बैठिये-बैठिये। (वेयर डीवे में अपनी इन्स देखता है)

म्बारी :

जी री स्वच्छा, जरा नाम वाम का इन्तजाम करियो री। (स्वच्छा नाम लेकर वाती है, क्हेराम को गन्दा देखकर नाक और भीसिकोडती है) मदारी :

हों तो क्हाराम जी आपको हमारी स्वच्छ पसन्द आई कि नहीं (क्दर कान में कुछ कहता है)

मदारी :

हों तो कुटाएम जी आपको हमारी स्वच्छ पसन्द आई कि नहीं (बन्दर कान में कुछ कहता है)

मदारी :

सोलत आने पसन्द आई। श्रादी करेंगे तो बस इन्हीं से नहीं तो जिन्दगी भर कुँवारे रह जायेंगे।

हाँ तो स्वच्छ तुम्हें क्हाराम जी पसन्द आये कि नहीं। (क्दरिया कान में कुछ कहती है)

मदारी :

क्या कहा पसन्द नहीं आये क्यों मला? (बंदर मदारी का डंडा लेकर बंदरिया के पीखे दौडता है)

मदारी :

न - न - न बैठ जा, बैठ जा कहती है तुम्हारी सारे इरीर पर मैल जमा हुआ है, मुँह से बदबू आ रही है, औंखों में कीचड जमी है बाल तो देखों कितने गन्दे हो रहे हैं और हाथ तो देखों नखूनों में मैल भरा हुआ है भला ऐसी अच्छी लड़की तुम जैसे कन्दे वर से कैसे ब्याह करेगी? जरा सीची ती।

मदारी :

हमारी स्वच्यु को तो बहुत सफाई पसन्द हैं उसका इरीर तो कंदन की तरह चमक रहा है, दीत तो देखों मोतियों से चमक रहे हैं। ये हर रोज नहाती है, बाल काढ़ती है और सप्ताह में एक बार नाख़न भी काटती है, भला ऐसी लड़की तुम उसे गन्दे वर से कैसे ब्याह करेगी। (बदर कान में कुछ कहता है)

मदारी :

कह रहे हैं. श्रादी तो तुम ही से करेंगे, अब तो तुम ही इस घर की मालकिन होगी, ये तो बस तुम्हारे हुक्म के गुलाम रहेंगे हों मां कसम से, जो तुम कहोगी, स्टाप्म पेपर पर लिख देने को तैयार हैं। वहीं करेंगे। नाक रगडकर माफी माँग लेंगे तुम सब बाबू लोगों के सामने हीं माँ

कसम से। (बंदर नाक रगडता है और बंदरिया कान में कुछ कहती है)

मदारी :

ये मान तो गई है पर फिफटी - फिफटी कहती है, पहले तुम्हारा घर और मोहल्ला देखना चाहती है। (बंदर कान में कुछ कहता है)

मदारी :

कह रहे हैं तुम्हारे लिये जान भी दे सकते हैं। कल ही आ जाओ अपना घर देखने।

(मदारी बंदर ओर बंदरिया को लेकर जाता है)

मदारी :

हाँ तो बच्चा लोग बजाओ ताली।

मदारी :

अरे कुडेराम जी आपका घर तो बहुत अच्छी जगह पर है वस ही बस स्टाप है, मार्किट है और पारक भी है।

(बदर कान में कुछ कहता है)

मदारी :

पूछ रहे हैं तुम्हें अपना होने वाला घर कैसा लगा? (बदरिया कान में कुछ कहती है)

मदारी :

कह रही है इतने अच्छे घर को तुमने गन्दा बना रखा है, जहाँ-तहाँ कहा करकट पढ़ा हुआ है। दीवारों पर जाले लगे हुए हैं रसोई घर में खाना बिना दके रखा हुआ है, बिस्तर चादर सब मैली है। मेरा तो जी घबरा रहा है। (बंदर कान में कुछ कहता है।)

मदारी :

कह रहे हैं आज से ये घर तुम्हारा है तुम जैसा चाहोगी वैसा रखना। अरी इतनी कठोर न बन, मर्द की जुबान पर भरोसा कर गलती मान तो रहा है और क्या जान दे दे?

(क्दरिया मान जाती है पर कान में कुछ कहती है) ये मान गई है।

मदारी :

कह रही है घर के साथ-साथ मोहल्ले की सफाई का भी रखना होगा। गली में जहाँ तहीं लघुक्रका यूका थाकी की हुई है। गढ़ड़ों में पानी भरा हुआ है। जिसमें मच्छर पदा होकर रोग फैला सकते हैं। (बंदर कान में कुछ कहता है)

मदारी :

कह रहे हैं मैं प्रतिज्ञा करता है कि मैं अपने श्रीर घर और मौहल्ले की सफाई में परा-2 सहयोग दैगा।

मदारी : कह रही हैं मैंने एक अच्छा नागरिक बनाया है हम दोनों मिलकर घरती को स्वर्ग सा बनायेंगे एक और एक ग्यारह होते हैं। (तो हो जाओ श्रह)

(बंदर और बंदरिया सफाई करते है।)

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